Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-42. (Canceled).

43.   (Previously Presented)   A method of rate adaptation in a communication apparatus, comprising:

encoding information bits by an encoder at a coding rate, the coding rate being fixed to a specific value among at least two different values using a puncturing block in the encoder according to a ratio of a channel interleaver size and a number of the information bits;

performing repetition or puncturing of the coded bits for matching a size of the coded bits to the channel interleaver size; and

interleaving the result of the repetition or puncturing according to the channel interleaver size.

44.   (Canceled).

45.   (Currently Amended) The method of claim 43, wherein the at ~~leaset~~ least two different values ~~included~~ includes at least two of 1/2, 1/3, 1/4, and 1/5.

46.   (Canceled).

47.   (Previously Presented) The method of claim 43, wherein the encoder is a turbo encoder.

48.   (Canceled).

49.   (Previously Presented) The method of claim 43, wherein symbol puncturing is enabled for symbol groups having indices 2j and 2j+1 if $(j \bullet k)$ mod J < K, wherein 'I' is a number of information bits per frame, 'J' equals $\lfloor I/2 \rfloor$, 'N' is a size of the interleaver, 'K' equals $\lfloor (L\text{-}N)/2 \rfloor$, and 'L' is a number of coded bits, and wherein each of the symbol groups comprises L/I coded bits.

50.   (Previously Presented) The method of claim 49, wherein the information bits include data bits and a pattern used to puncture the symbol group 'i' for the adapted code rate of 1/3 turbo code rate when a prescribed ratio $< N \leq 3I$ is given by $P_{(i \bmod 2)}$, wherein 'i' is an index of the symbol groups and ranges from 0 to I-1, and wherein the pattern to puncture symbol

groups corresponding to coded bits of data bits is '110' for P_0 and '101' for P_1, where '1' indicates no puncturing of the coded bit in the symbol group 'i' and '0' indicates puncturing of the coded bit in the symbol group 'i'.

51.   (Previously Presented)   The method of claim 50, wherein the information bits further includes tail bits and a pattern to puncture symbol groups corresponding to coded bits of tail bits is '101' for P_0 and '101' for P_1.

52.   (Previously Presented)   The method of claim 49, wherein the information bits include data bits and a pattern used to puncture the symbol group 'i' for the adapted code rate of 1/4 turbo code rate when $3I < N \leq 4I$ is given by $P_{(i \bmod 2)}$, wherein 'i' is an index of the symbol groups and ranges from 0 to I-1, and wherein the pattern to puncture symbol groups corresponding to coded bits of data bits is '1011' for P_0 and '1110' for P_1, where '1' indicates no puncturing of the coded bit in the symbol group 'i' and '0' indicates puncturing of the coded bit in the symbol group 'i'.

53.   (Previously Presented)   The method of claim 52, wherein the information bits further include tail bits and a pattern to puncture symbol groups corresponding to coded bits of tail bits is '1011' for P_0 and '1011' for P_1.

54.   (Previously Presented) The method of claim 49, wherein the information bits

include data bits and a pattern used to puncture the symbol group 'i' for the adapted code rate of

1/5 turbo code rate when $4I < N$ [[$\leq$]] $< 5I$ is given by $P_{(i \bmod 2)}$, wherein 'i' is an index of the

symbol groups and ranges from 0 to I-1, and wherein the pattern to puncture symbol groups

corresponding to coded bits of data bits is '11101' for P_0 and '11011' for P_1, where '1' indicates

no puncturing of the coded bit in the symbol group 'i' and '0' indicates puncturing of the coded

bit in the symbol group 'i'.

55.   (Previously Presented) The method of claim 54, wherein the information bits

further include tail bits and a pattern to puncture symbol groups corresponding to coded bits of

tail bits is '11011' for P_0 and '11011' for P_1.

Claim 56 -83. (Canceled).

84.   (Previously Presented) The method of claim 43, wherein the method is

implemented during variable data rate mode and/or flexible data rate mode.

85.   (Previously Presented) The method of claim 43, wherein the method is used for

radio configuration (RC)4 of a physical channel.

Claims 86 - 103. (Canceled).